Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 23 Mar 2021 until 23:59 on Wednesday 24 Mar 2021

Forecast Issued on Tuesday 23 Mar 2021 at 02:18

Confidence: High confidence in a change of weather type later in the week back to colder wintery conditions on the hills. Also high confidence for a windy period for much of the forecast. Lower confidence for cloud amounts on Tuesday and Wednesday.

Headline for Tuesday 23 Mar 2021: Becoming windy with gales developing, cloudy with some drizzle or light rain.

Mountain weather hazards on Tuesday 23 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Dull	Dull	Cloudy	Light rain
Precipitation probability					
20%	20%	30%	30%	30%	60%

Forecast for Tuesday 23 Mar 2021

Weather: A cloudy day with a few outbreaks of drizzle where the cloud thickens in the west of the Yorkshire Dales, best conditions to be found in the east where there may be a few bright or sunny spells. Some heavier rain is expected later in the evening.

Chance of cloud free mountain/hill tops above 600m: 30% in western areas, perhaps 60% in the east of the Dales.

Visibility: With a lot of low cloud around visibility will be very poor at times higher on the Yorkshire Dales with nearby landmarks obscured at times. In the west cloud bases will be extensive around 5-600m. In the east cloud will be more scattered with a base around 6-700m and a few more breaks for the tops during the day. In drizzle, visibility will be poor for a time and good navigation aids may be required. During the evening, cloud will become more extensive for most areas with bases 4-500m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 23 Mar 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 SW	20/28 SW	25/35 SW	27/38 SW	24/36 SW	22/33 SW	20/29 SW
300	8/19 SW	12/24 SW	14/29 SW	17/35 SW	14/30 SW	14/30 SW	14/29 SW
Valley	6/16 SW	11/22 SW	13/28 SW	15/31 SW	12/27 SW	13/30 SW	13/26 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	2/-4	3/-3	4/-2	4/-2	4/-2	4/-1
300	4/1	5/2	6/3	7/3	7/3	6/2	6/2
Valley	6/4	7/4	8/4	8/5	8/5	8/4	7/4
Freezing Level*	900m	800m	1000m	1000m	1100m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A significant wind chill as winds strengthen during the morning, with gusts up to 45-50mph over exposed ridges and summits, especially in the north of the Dales. Freezing level mainly above the summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 23 Mar 2021	0mm	0mm	0mm

Forecast for Wednesday 24 Mar 2021

Weather: Overnight rain clearing around dawn. Then generally a bright and breezy day. Some sunny intervals are likely but cloudy at times too and a few showers are possible.

Maximum wind: Southwesterly 20mph with gusts 30-35mph.

Chance of cloud free mountain/hill tops above 600m: 20% overnight, becoming 80-90% soon after dawn with cloud lifting above the summits.

Visibility: Very poor overnight with extensive low cloud bases 4-500m. Becoming generally very good visibility soon after dawn with far reaching views, but there will be patches of low cloud at times around 600m and more so around any showers that may form over the tops, when the overall visibility may dip to moderate or poor for a time.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius.
At 600m: Plus 3 Celsius.
Freezing level: 800m

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